

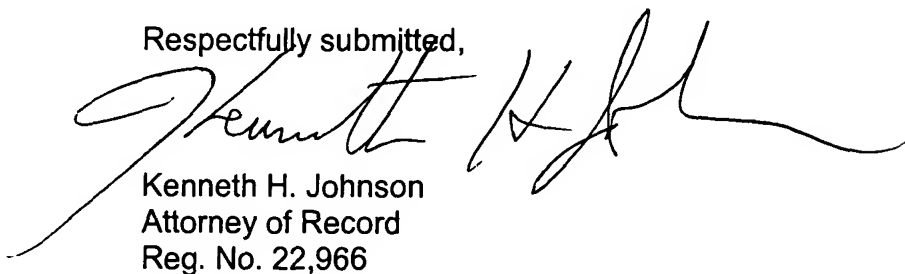
REMARKS

Applicant has copied the claims from application 10/095,295 filed March 12, 2002, and which was published as US 2003/0042175 A1 on March 6, 2003, in order to provoke an interference with claims 1-7 of the cited application. The claims as copied have been adapted to comply with 37 CFR 1.75 (c). Applicant herein is the senior party based upon his provisional application serial number 60/210,716 which was filed June 9, 2000.

The support in the specification for the claims are as follows:

For stage a of claim 13 and 14 see page 8 lines 31 to page 9 line 6 wherein the thioetherification catalyst in the bed 10 is said to also catalyze the selective hydrogenation of polyolefins, including diolefins. Stage b of claim 13 or 15 is supported by the upper bed 12 where the mercaptans are converted to sulfides. The stage c separation of claims 13 and 14 is distillation column reactor itself. Stage f of claim 13 is the second distillation column reactor 20. Stage d of claim 14 is supported by the lower bed 16 wherein the thiophene is converted to mercaptan. Claim 16 is supported by the combined distillation column reactor 10. Claim 17 is supported in that the combination of mercaptans with diolefins creates sulfides which are higher molecular weight and higher boiling than the mercaptans. Claim 18 is supported in the figure by the light gasoline in flow line 106, the intermediate gasoline in flow line 205 and the heavy gasoline in flow line 103. Claim 19 support is the same as for claim 9.

Respectfully submitted,



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